

1. (previously presented) A modular display system comprising:

- a. an enclosure cabinet having four sides and a back;
- b. opposing outer brackets connected between two opposite of said sides, a plurality of inner brackets aligned between said opposing outer brackets and secured to said back of said enclosure cabinet; and,
- c. a display module connected to one of said opposing outer brackets and to one inner bracket of said plurality of inner brackets, said display module including:
  - (1) an inner frame;
  - (2) an outer frame nested over said inner frame where said outer frame is a substantially flat metal surface;
  - (3) a vision enhancer captured between said inner frame and said outer frame nested over said inner frame;
  - (4) a display circuit board connected to said inner frame; and,
  - (5) first and second framework channels connected to said inner frame, whereby said first and second framework channels reversibly connect to one of said inner brackets of said plurality of inner brackets.

2. (new) The system of claim 1, wherein said vision enhancer is retained and held in position by said inner and outer frames.

3. (new) The system of claim 1, wherein said vision enhancer is a fine mesh screen.

4. (new) The system of claim 1, wherein said display circuit board includes a plurality of LED display blocks of a size selected from a group consisting of:

- a. 1.25"H by 0.90"W;
- b. 2.10"H by 1.50"W; and,
- c. 4.20"H by 3.00"W.

5. (new) The system of claim 4, including at least two brackets with upper and lower tabs and slots which affix to the back of said display cabinet.

6. (new) The system of claim 5, further including two Z-bars, said Z-bars adapted for mounting on a substantially vertical surface, whereby said upper and lower tabs and slots facilitate vertical mounting of the system by engaging said two Z-bars.

7. (new) An electronic sectional display system comprising:

- a. a display cabinet;
- b. a plurality of modular display panel mounting brackets secured to said cabinet;
- c. a plurality of female fastener receptacles affixed to said display panel mounting brackets;
- d. a plurality of modular display panels, each said panel including:
  - (1) a circuit board having a plurality of character display blocks;
  - (2) a frame secured to said circuit board said frame including an inner frame, an outer frame nested over said inner frame, said outer frame being a substantially flat metal surface, and a viewing enhancer positioned between and retained by said inner and said outer frames;
  - (3) a plurality of frame mounting brackets affixed to said frame; and,
  - (4) a plurality of male fastener elements positioned on said frame mounting brackets for engagement with said female fastener receptacles on said display panel mounting brackets; and,
- e. fastener element access holes positioned in said frame for accommodation of a tool for engaging and disengaging said male fastener elements from said female fastener receptacles, whereby said modular display panels may be dismounted from said cabinet from the front of said display cabinet.

8. (new) The electronic display system according to claim 7, wherein said character display blocks are arranged in rows and columns.

9. (new) The electronic display system according to claim 7, wherein said modular display panel mounting brackets are perpendicularly oriented with respect to said frame mounting brackets.

10. (new) The electronic display system according to claim 9, wherein said modular display panel mounting brackets are vertically oriented and said frame mounting brackets are horizontally oriented.

11. (new) The electronic display system according to claim 7, wherein:

- a. said inner and outer frames have abutting portions, at right angles to said circuit board, on opposite ends of said frames; and,
- b. said viewing enhancer has retention tabs which are positioned between said right angled abutting portions to be clamped and retained thereby.

12. (new) The electronic display system according to claim 11, wherein said fastener element access holes are positioned on said inner frame, said outer frame and said circuit board.

13. (new) The electronic display system according to claim 12, wherein said viewing enhancer includes a fine mesh screen.

14. (new) The electronic display system according to claim 13, wherein said female fastener receptacles and said male fastener elements comprise one-quarter turn screw fasteners.

15. (new) The electronic display system according to claim 13, wherein said male fastener elements include a captiv screw.

16. (new) An electronic sectional display system comprising:

- a. a display cabinet having a front;
- b. a plurality of vertically oriented modular display panel mounting brackets secured to said display cabinet;
- c. a plurality of female fastener receptacles affixed to said plurality of vertically oriented mounting brackets;
- d. a plurality of modular display panels, each panel of the plurality of panels including:
  - (1) a circuit board having a plurality of character display blocks arranged in rows;
  - (2) an inner frame;
  - (3) an outer frame adapted to fit over said inner frame, said outer frame being a substantially flat metal surface;
  - (4) a viewing enhancer screen positioned between and retained by said inner and outer frames;
  - (5) a plurality of horizontally oriented mounting brackets affixed to said circuit board, said inner frame and said outer frame; and,
  - (6) a plurality of male fastener elements positioned on said plurality of horizontally oriented mounting brackets for engagement with said plurality of female fastener receptacles on said plurality of vertically oriented mounting brackets; and,
- e. fastener element access holes positioned in said outer frame, said inner frame, said viewing enhancer screen, and said circuit board for engaging and disengaging said plurality of male fastener elements, whereby said plurality of modular display panels may be dismounted

from said display cabinet from the front of said display cabinet.

17. (new) An electronic sectional display system comprising:

- a. a display cabinet having a front;
- b. a plurality of vertically oriented modular display panel mounting brackets secured to opposite sides of said display cabinet;
- c. a plurality of female fastener receptacles affixed to said plurality of vertically oriented modular display mounting brackets;
- d. a plurality of modular display panels, each panel of said plurality including:
  - (1) a circuit board having a plurality of character display blocks arranged in rows and columns;
  - (2) a frame member including an inner frame and an outer frame, the outer frame being a substantially flat metal surface;
  - (3) a plurality of horizontally oriented mounting brackets affixed to said frame member; and,
  - (4) a plurality of male fastener elements positioned on said horizontally oriented mounting brackets for engagement with said female fastener receptacles on said plurality of vertically oriented modular display panel mounting brackets; and,
- e. fastener element access holes positioned in said frame member for accommodations of a tool for engaging and disengaging each said male fastener element, whereby said modular display panels may be dismounted from said display cabinet from the front of said display cabinet.

18. (new) The electronic sectional display system of claim 17, wherein the frame includes a vision enhancer between the outer and inner frames.

19. (new) The electronic sectional display of claim 18, wherein the outer frame further includes a plurality of studs, each stud of the plurality of studs extending through the vision enhancer and the inner frame.

20. (new) The electronic sectional display of claim 19, wherein each stud of the plurality of studs is firmly attached to the outer frame.

21. (new) The electronic sectional display of claim 19, wherein each stud of the plurality of studs is flush mounted to the outer frame.

22. (new) The electronic sectional display of claim 19, wherein each stud of the plurality of studs is self-clinching.



23. (new) A modular display system comprising:
- a. an enclosure cabinet having four sides and a back;
  - b. opposing outer brackets connected between two opposite of said sides, a plurality of inner brackets aligned between said opposing outer brackets and secured to said back of said enclosure cabinet; and,
  - c. a display module connected to one of said opposing outer brackets and to one inner bracket of said plurality of inner brackets, said display module including:
    - (1) an inner frame;
    - (2) an outer frame nested over said inner frame where said outer frame is a substantially flat metal surface;
    - (3) a vision enhancer captured between said inner frame and said outer frame nested over said inner frame;
    - (4) a display circuit board connected to said inner frame; and,
    - (5) first and second framework channels connected to said inner frame, whereby said first and second framework channels reversibly connect to one of said inner brackets of said plurality of inner brackets.

24. (new) A display system comprising:
- a. an enclosure having four sides and a back;
  - b. a plurality of brackets within the enclosure;
  - c. a plurality of display modules reversibly mounted to the plurality of brackets of the enclosure, each of the display modules including in order from front to rear:
    - (1) an outer frame where said outer frame is a substantially flat metal surface;
    - (2) a vision enhancer;
    - (3) an inner frame nested to said outer frame and capturing said vision enhancer there between;
    - (4) a display circuit board connected to said inner frame; and,
    - (5) first and second framework channels connected to said inner frame, whereby said first and second framework channels reversibly connect to the plurality of brackets.

25. (new) The display system of claim 24, wherein the outer frame includes a flush mounted stud extending rearward through the vision enhancer and the inner frame.

26. (new) The display system of claim 25, wherein the stud is self-clinching to the outer frame.

27. (new) The display system of claim 24, wherein said vision enhancer is a fine mesh screen.

28. (new) The system of claim 24, wherein said display circuit board includes a plurality of LED display blocks of a size selected from a group consisting of:

- a. 1.25"H by 0.90"W;
- b. 2.10"H by 1.50"W; and,
- c. 4.20"H by 3.00"W.

29. (new) The system of claim 24, including at least two brackets with upper and lower tabs and slots which affix to the back of said display cabinet.

30. (new) The system of claim 24, further including two Z-bars, said Z-bars adapted for mounting on a substantially vertical surface, whereby said upper and lower tabs and slots facilitate vertical mounting of the system by engaging said two Z-bars.

31. (new) The system of claim 28, wherein the LED display blocks are 2.10"H by 1.50"W and have a vertical spacing of 3.35" between LEDs on a single display circuit board.

32. (new) The system of claim 28, wherein the LED display blocks are 2.10"H by 1.50"W and have a vertical spacing of 3.35" between LEDs of juxtaposed upper and lower display circuit board modules.

33. (new) The system of claim 28, wherein the LED display blocks are 2.10"H by 1.50"W and have a horizontal spacing of 1.9" between LEDs on a single display circuit board.

34. (new) The system of claim 28, wherein the LED display blocks are 2.10"H by 1.50"W and have a horizontal spacing of 1.9" between LEDs of juxtaposed display circuit board modules.

35. (new) The system of claim 24, wherein the display circuit boards include LED display blocks, each of the LED blocks having identical height and identical width and the system maintains a constant vertical spacing between LEDs of vertically juxtaposed display circuit board modules and LEDs on each display board and the system maintains a constant horizontal spacing between LEDs of horizontally juxtaposed display circuit boards and LEDs on each circuit board.